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**Lining arrangement for deep ditches with supports spaced by an expanding frame - with rollers running on guide plates with free side sections enclosed by guides**

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Patent Details:

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Abstract (Basic): DE 29703190 U

Deep ditches are lined using an arrangement of a support frame which can be erected across the ditch. It comprises two vertical supports (3) which are held apart by an expanding frame (4), each support having guide channels (5) for the frame.

Each frame has vertical frame side sections (18) with at least two rollers (15) running on a guide plate (12) on each support, the plate having free side sections (17) in the longitudinal direction of the ditch, around which guides (16) on the vertical frame side sections pass. The latter are pref. angle sections.

ADVANTAGE - Guides unaffected by dirt and frame moves up and down without obstruction.

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Title Terms: LINING; ARRANGE; DEEP; DITCH; SUPPORT; SPACE; EXPAND; FRAME; ROLL; RUN; GUIDE; PLATE; FREE; SIDE; SECTION; ENCLOSE; GUIDE

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⑮ BUNDESREPUBLIK  
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⑫ **Gebrauchsmuster**  
⑩ **DE 297 03 190 U 1**

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Rechercheantrag gem. § 7 Abs. 1 GbmG ist gestellt

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